



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

TAKAMORI et al.

Serial No. 09/764,214

Filed: January 18, 2001

For: MAGNETIC RESONANCE IMAGING APPARATUS

Atty. Ref.: 160-352

Group: 3737

Examiner:

\* \* \* \* \*

[LSPI] November 4, 2002

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Attention is directed to the attached document(s) and to related copending applications 09/764,221 and 09/764,215 and each reference cited therein. A PTO-1449 is also attached.

Official consideration and citation of each such reference is requested.

Newly cited reference JP 62-79889 (and previously cited JP 6-189932 and JP 10-118043) disclose a technique to reduce noise by sealing a gradient magnetic field within a vacuum vessel.

Respectfully submitted,

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**SERIAL NO.**

09/764,214

TAKAMORI et al.

**GROUP**

3737

U.S. PATENT DOCUMENTS

*EXAMINER		DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE	FILED DATE
INITIAL											
			5278502	01/1994	Laskaris et al						
			5793210	08/1998	Pla et al						
			4652824	03/1987	Oppelt						
			5489848	02/1996	Furukawa						
			6043653	03/2000	Takamori et al						
			6406427	06/2002	Williams et al						
			6022195	02/2000	Gaudet et al						
			5404882	04/1995	Santyr						
			6353319	03/2002	Dietz et al						
			5764059	06/1998	Mansfield et al						
			6441614	08/2000	Edelstein et al						
			5361763	11/1994	Kao et al						
			6437568	08/20002	Edelstein et al						
			5793210	08/1998	Pla et al						
			6157276	12/2000	Hedeen et al						
			62-334	01/1987	Japan						
			1-166508	06/1989	Japan						
			2-198539	08/1990	Japan						

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							TRANSLATION	
DOCUMENT			DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
		62-79889	04/1987	Japan				
		59-174746	10/1984	Japan				
		60-177249	09/1985	Japan				
		7-299048	11/1995	Japan				
		5-269104	10/1993	Japan				
		62-194842	08/1987	Japan				
		10-179547	07/1998	Japan				
		2642348	05/1997	Japan				
		SU 968738	10/1982	Swiss				

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

Katsunuma et al, "Silent MRI System by Interrupting the Vibrational Transmission Through the Air and Solid Structures", ISMRM, 1372, 2000

Date Considered

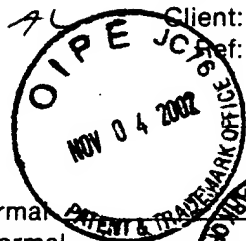
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

Serial No.: 09/764214  
Applicant: TAKAMORI  
Title: ET AL

Atty: LIN  
Date: 11-4-02  
Client: 160  
Ref: 352

- \_\_\_\_\_ Amendment
- \_\_\_\_\_ Pages Specification
- \_\_\_\_\_ Claims
- \_\_\_\_\_ Sheets Drawings: Formal \_\_\_\_\_
- \_\_\_\_\_ Informal \_\_\_\_\_
- \_\_\_\_\_ Declaration (\_\_\_\_\_ Pages)
- \_\_\_\_\_ Assignment
- \_\_\_\_\_ Priority Document
- \_\_\_\_\_ Base Issue Fee Transmittal
- \_\_\_\_\_ Fee (Check)



Other:

IDS; PTO 1449 & 1499

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